

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for capturing decrypted information directed to a presentation device, the method comprising:

receiving, by the presentation device, decrypted information, wherein the device includes ~~a first software program containing a shader module containing a first shader~~ instruction sequence executable to ~~generate a presentation signal~~ apply a visual effect to each of one or more pixels comprising a presentable representation of ~~based on the~~ decrypted information and direct the one or more pixels to a display;

receiving, by the presentation device, ~~a second software program containing a second an~~ updated shader instruction sequence, wherein the second updated shader instruction sequence includes instructions executable to store at least one of the decrypted information or ~~a presentable representation of the one or more pixels the decrypted~~ information in a computer readable storage medium; and

~~processing, by the presentation device, the decrypted information, wherein processing~~ comprises:

installing, [at] by the presentation device, the second software program updated shader instruction sequence on the shader module, wherein installation of the updated shader instruction sequence ~~operative to modify~~ modifies at least a portion of the first shader instruction sequence ~~based on the second instruction sequence,~~

executing, by the presentation device, the modified first shader instruction sequence on the shader module to:
~~generate a presentation signal~~ apply a visual effect to each of the one or more pixels
~~based on the decrypted information, and~~

direct the one or more pixels with the applied visual effect to a display, and
storing store at least one of the decrypted information or a ~~presentable representation~~
of the one or more pixels with the applied visual effect the decrypted information
in [a] the computer readable storage medium.

2. (Previously Presented) The method of claim 1, wherein receiving decrypted information comprises:

- providing a certification to a process; and
- receiving decrypted information from the process.

3. (Previously Presented) The method of claim 1, wherein receiving decrypted information comprises interacting with an executing process in a manner that implies certification.

4. (Previously Presented) The method of claim 1 wherein receiving decrypted information comprises receiving a presentable representation.

5. (Previously Presented) The method of claim 1 wherein receiving decrypted information comprises receiving a compressed content stream.

6. (Cancelled).

7. (Currently Amended) The method of claim 1, ~~the processing~~ further comprising:

retrieving, by the presentation device, a presentable representation of the one or more
pixels with the applied visual effect ~~the decrypted information~~ from the computer
readable storage medium;

encoding, by the presentation device, the presentable representation one or more pixels
with the applied visual effect in a compressed format; and

storing, by the presentation device, the compressed format of the presentable
representation one or more pixels with the applied visual effect in the computer
readable storage medium.

8. (Currently Amended) The method of claim 1, ~~the processing~~ further comprising:

converting, by the presentation device, the decrypted information into a compressed content stream; and

storing, by the presentation device, the compressed content stream in the computer readable storage medium.

9. (Currently Amended) The method of claim 1, ~~the processing~~ further comprising:

storing, by the presentation device, at least one of a display frame and an update frame associated with the decrypted information in the computer readable storage medium.

10 – 14. (Cancelled).

15. (Currently Amended) An ~~apparatus~~ presentation device for capturing decrypted information comprising:

a shader module containing a first shader instruction sequence executable to apply a visual effect to each of one or more pixels comprising a presentable representation of decrypted information directed to the presentation device and direct the one or more pixels with the applied visual effect to a display;

an information port ~~capable of~~ for receiving (i) the decrypted information directed to [a] the presentation device, wherein the presentation device includes a first software program containing a first instruction sequence executable to generate a presentation signal based on the decrypted information, and (ii) a second software program containing a second an updated shader instruction sequence, wherein the second updated shader instruction sequence includes instructions executable to store at least one of the decrypted information or a presentable representation of the one or more pixels ~~the decrypted information~~ in a computer readable storage medium; and

a-capture ~~an execution unit, containing a processor, for capable of processing the~~
~~decrypted information, the processing comprising:~~

installing the ~~second software program~~ updated shader instruction sequence on the
shader module, wherein installation of the updated shader instruction sequence
~~operative to modifying~~ modifies at least a portion of the first shader instruction
sequence ~~based on the second instruction sequence, and~~

executing the modified first instruction sequence to ~~generate a presentation signal~~
based apply a visual effect to each of the one or more pixels, direct the one or
more pixels with the applied visual effect to a display, the decrypted information
and store at least one of the decrypted information or a ~~presentable representation~~
~~of the one or more pixels the decrypted information~~ in [a] the computer readable
storage medium.

16. (Currently Amended) The ~~apparatus~~ presentation device of claim 15, wherein the
information port is capable of providing an explicit certification to a host system.

17. (Currently Amended) The ~~apparatus~~ presentation device of claim ~~15~~ 16, wherein the
information port is capable of interacting with the host system in a manner that implies
certification.

18. (Currently Amended) The ~~apparatus~~ presentation device of claim 15, wherein the
information port is capable of receiving a presentable representation of decrypted information.

19. (Currently Amended) The ~~apparatus~~ presentation device of claim 15, wherein the
information port is capable of receiving a compressed content stream of the decrypted
information.

20. (Cancelled).

21. (Currently Amended) The ~~apparatus~~ presentation device of claim 15, further comprising a compression unit capable of:

retrieving a ~~presentable representation of the one or more pixels with the applied visual effect~~ the decrypted information from the computer readable storage medium;

encoding the ~~presentable representation one or more pixels~~ in a compressed content stream; and

storing the compressed content stream in the computer readable storage medium.

22. (Cancelled).

23. (Currently Amended) The ~~apparatus~~ presentation device of claim 15, the ~~processing~~ executing further comprising:

storing at least one of a display frame and an update frame associated with the decrypted information in the computer readable storage medium.

24 – 26. (Cancelled).

27. (Currently Amended) The ~~apparatus~~ presentation device of claim 15, the ~~processing~~ executing further comprising:

converting the decrypted information into a compressed content stream; and
storing the compressed content stream in the computer readable storage medium.

28. (Currently Amended) The ~~apparatus~~ presentation device of claim 15, the ~~processing~~ executing further comprising:

storing at least one of a display frame and an update frame associated with the decrypted information in the computer readable storage medium.

29 – 33. (Cancelled).

34. (Currently Amended) A system for capturing decrypted information, the system comprising:

~~a memory;~~

~~a host processor for executing instructions stored in the memory;~~

~~a computer readable storage medium in communication with the host processor;~~

~~a display adapter in communication with the host processor that includes:~~

~~a first computer program shader module containing a first shader instruction sequence executable to generate a presentation signal apply a visual effect to each of one or more pixels comprising a presentable representation of ~~based on~~ the decrypted information and direct the one or more pixels to a display;~~

~~a host port for receiving (i) decrypted information and (ii) a second software program containing a second an updated shader instruction sequence, wherein the second updated shader instruction sequence includes instructions executable to store at least one of the decrypted information or a presentable representation of the one or more pixels ~~the decrypted information~~ in the computer readable storage medium;~~

~~an instruction memory for storing the first shader instruction sequence and the second updated shader instruction sequence;~~

~~an execution unit for processing the decrypted information, the processing comprising:~~

~~installing the second software program updated shader instruction sequence on the shader module, wherein installation of the updated shader instruction sequence ~~operative to modify~~ modifies at least a portion of the first shader instruction sequence ~~based on the second instruction sequence~~,~~

~~executing the modified first shader instruction sequence to generate a presentation signal apply a visual effect to each of the one or more pixels ~~based on the decrypted information~~ and store at least one of the decrypted information or a presentable representation of the decrypted information the one or more pixels in [a] the computer readable storage medium; and~~

an authorized player instruction sequence stored in the instruction memory that, when executed by the host processor, minimally causes the host processor to:

retrieve the at least one of the decrypted information or the one or more pixels with the applied visual effect from the computer readable storage medium;

~~decrypt the information;~~ and

direct the at least one of the decrypted information or the one or more pixels with the applied visual effect to the display adapter.

35. (Previously Presented) The system of claim 34, wherein the execution unit provides at least one of an explicit certification and an implicit certification to the authorized player instruction sequence.

36. (Currently Amended) The system of claim 34, the ~~processing~~ executing further comprising:
converting the decrypted information into a compressed content stream; and
storing the compressed content stream in the computer readable storage medium.

37. (Currently Amended) The system of claim 34, the ~~processing~~ executing further comprising:
storing at least one of a display frame and an update frame associated with the decrypted information in the computer readable storage medium.

38. (Cancelled).

39. (Currently Amended) A computer program product, tangibly embodied in a computer-readable storage medium, the computer program product including instructions being operable to cause a data processing apparatus to:

receive decrypted information directed to a presentation device, wherein the device includes a shader module ~~first software program~~ containing a first shader instruction sequence executable to ~~generate a presentation signal~~ apply a visual effect to each of

one or more pixels comprising a presentable representation of based on the decrypted information and direct the one or more pixels to a display;

receive a ~~second software program containing a second~~ an updated shader instruction sequence, wherein the ~~second updated shader~~ instruction sequence includes instructions executable to store at least one of the decrypted information or a presentable representation of the one or more pixels ~~the decrypted information~~ in a computer readable storage medium; and

process the decrypted information, the processing comprising:

install[ing] the ~~second software program~~ updated shader instruction sequence on the shader module, wherein installation of the updated shader instruction sequence ~~operable to modify~~ modifies at least a portion of the first instruction sequence ~~based on the second instruction sequence;~~

executing the modified first instruction sequence to generate a presentation signal apply a visual effect to the one or more pixels, direct the one or more pixels with the applied visual effect to a display, based on the decrypted information and store at least one of the decrypted information or a presentable representation of the one or more pixels ~~the decrypted information~~ in [a] the computer readable storage medium.

40. (Previously Presented) A system for capturing decrypted information, the system comprising:

means for receiving decrypted information directed to a presentation device, wherein the device includes a shader module containing a first shader instruction sequence executable to ~~generate a presentation signal~~ apply a visual effect to one or more pixels comprising a presentable representation of based on the decrypted information and direct the one or more pixels with the applied visual effect to a display;

means for receiving an updated shader instruction sequence, wherein the updated shader instruction sequence includes instructions executable to store at least one of the

decrypted information or a ~~presentable representation of~~ the one or more pixels the ~~decrypted information~~ in a computer readable storage medium; and
~~means for processing the decrypted information, the processing comprising:~~
means for installing the updated shader instruction sequence, wherein installation of the
updated shader instruction sequence ~~modifying~~ modifies at least a portion of the first
instruction sequence ~~based on the updated instruction sequence; and~~
means for executing the modified first shader instruction sequence to ~~generate a~~
presentation signal apply a visual effect to the one or more pixels, direct the one or
more pixels with the applied visual effect to a display, based on the decrypted
information and store at least one of the decrypted information or a ~~presentable~~
~~representation of the one or more pixels~~ ~~the decrypted information~~ in [a] the computer
readable storage medium.

41. (Cancelled).

42. (New) A method for capturing decrypted information directed to a graphics processing unit of a presentation device, the method comprising:

receiving, by the graphics processing unit, decrypted information, wherein the graphics processing unit includes a shader module containing a first instruction sequence executable to apply a visual effect to one or more pixels comprising a presentable representation of the decrypted information and direct the one or more pixels with the applied visual effect to a display;

receiving, by the graphics processing unit, an updated shader instruction sequence, wherein the second shader instruction sequence includes instructions executable to store the one or more pixels in a video RAM;

installing, by the graphics processing unit, the updated shader instruction sequence on the shader module, wherein installation of the updated shader instruction sequence modifies at least a portion of the first shader instruction sequence;

executing, by the graphics processing unit, the modified first shader instruction sequence of the shader module to apply a visual effect to the one or more pixels;

directing, by the graphics processing unit, the one or pixels with the applied visual effect to the video RAM;

retrieving, by a system processor of the presentation device, the one or more pixels with the applied visual effect from the video RAM; and

directing, by the system processor, the one or more pixels with the applied visual effect to a host port connected to a system bus for storage in a computer readable storage medium.

43. (New) The method of claim 1, wherein the presentation device comprises a graphics processing unit located on a graphics adapter.